

AMENDMENTS TO THE CLAIMS

Please amend the Claims as follows:

1. (Cancelled)
2. (Cancelled)
3. (Cancelled)
4. (Cancelled)
5. (Cancelled)
6. (Cancelled)
7. (Cancelled)
8. (Cancelled)
9. (Cancelled)
10. (Cancelled)
11. (Cancelled)
12. (Cancelled)
13. (Cancelled)
14. (Cancelled)
15. (Cancelled)
16. (Cancelled)
17. (Cancelled)
18. (Cancelled)
19. (Cancelled)
20. (Cancelled)
21. (Cancelled)

22. (Cancelled)

23. (Cancelled)

24. (Cancelled)

25. (Cancelled)

26. (Cancelled)

27. (Cancelled)

28. (Cancelled)

29. (New) A re-writable recording medium, comprising:

a substrate;

an undercoat layer deposited on the substrate; and

a re-writable layer of phase change material deposited on the undercoat layer,

wherein a mark of information can be written to the re-writable layer using an electron beam generated by a carbon nanotube, the mark can be read by detecting a secondary emission from the mark, and the re-writable layer can be erased for subsequent re-writing using the electron beam generated by the carbon nanotube.